

8

History-Social  
Science Standard  
8.12.1.



# Agricultural and Industrial Development in the United States (1877–1914)

## **California Education and the Environment Initiative**

Approved by the California State Board of Education, 2010

### **The Education and the Environment Initiative Curriculum is a cooperative endeavor of the following entities:**

California Environmental Protection Agency  
California Natural Resources Agency  
California State Board of Education  
California Department of Education  
Department of Resources Recycling and Recovery (CalRecycle)

### **Key Partners:**

Special thanks to **Heal the Bay**, sponsor of the EEI law, for their partnership and participation in reviewing portions of the EEI curriculum.

Valuable assistance with maps, photos, videos and design was provided by the **National Geographic Society** under a contract with the State of California.

### **Office of Education and the Environment**

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## **Lesson 1 California at the World's Fair of 1893**

None required for this lesson.

## **Lesson 2 Growth of the Windy City**

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## **Lesson 3 A Second Industrial Revolution**

None required for this lesson.

## **Lesson 4 Technology Transforms Daily Life and Natural Systems**

None required for this lesson.

## **Lesson 5 As the Century Turned: Considering Causes and Effects**

None required for this lesson.

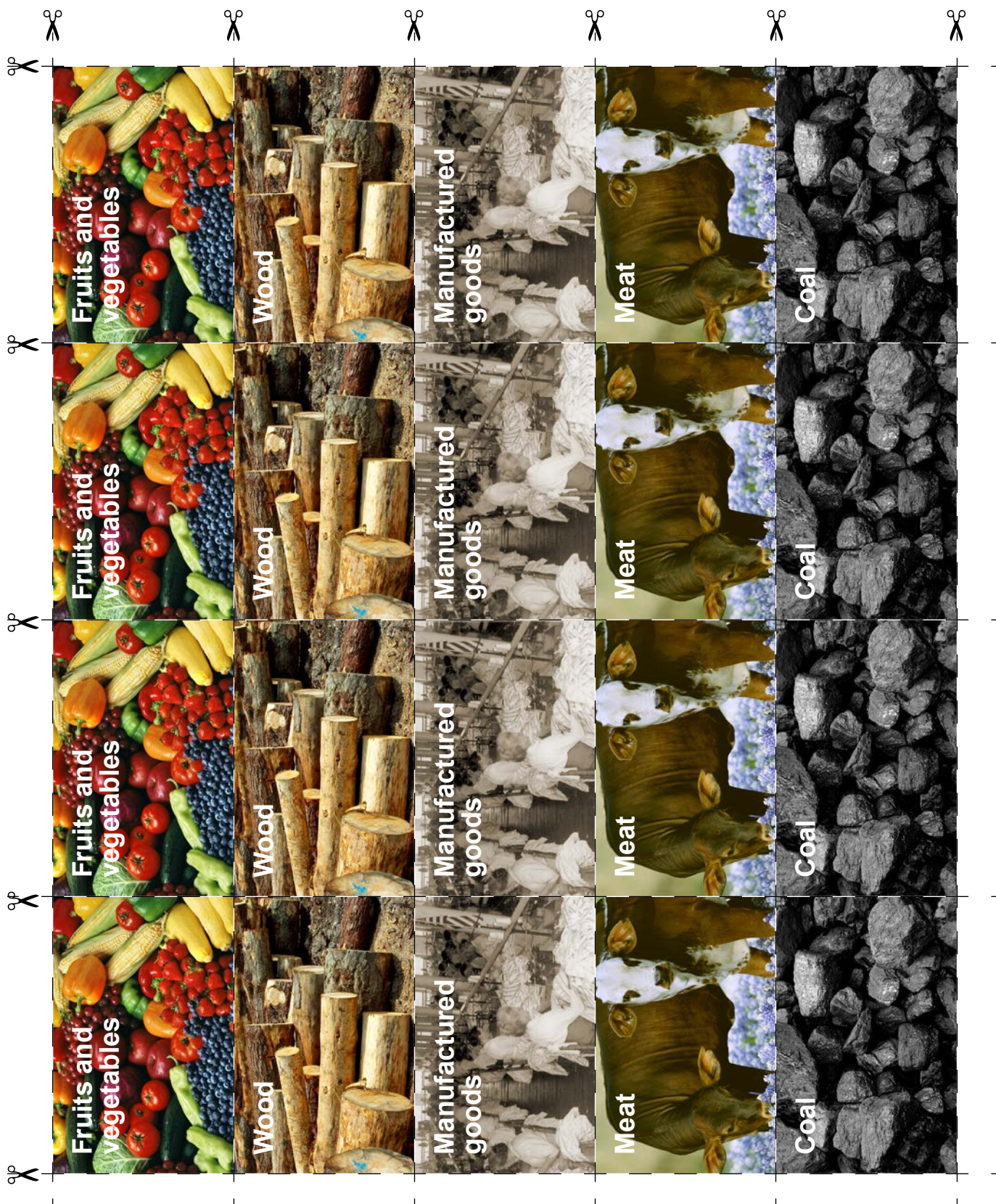
## **Assessments**

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## Commerce Game Playing Pieces

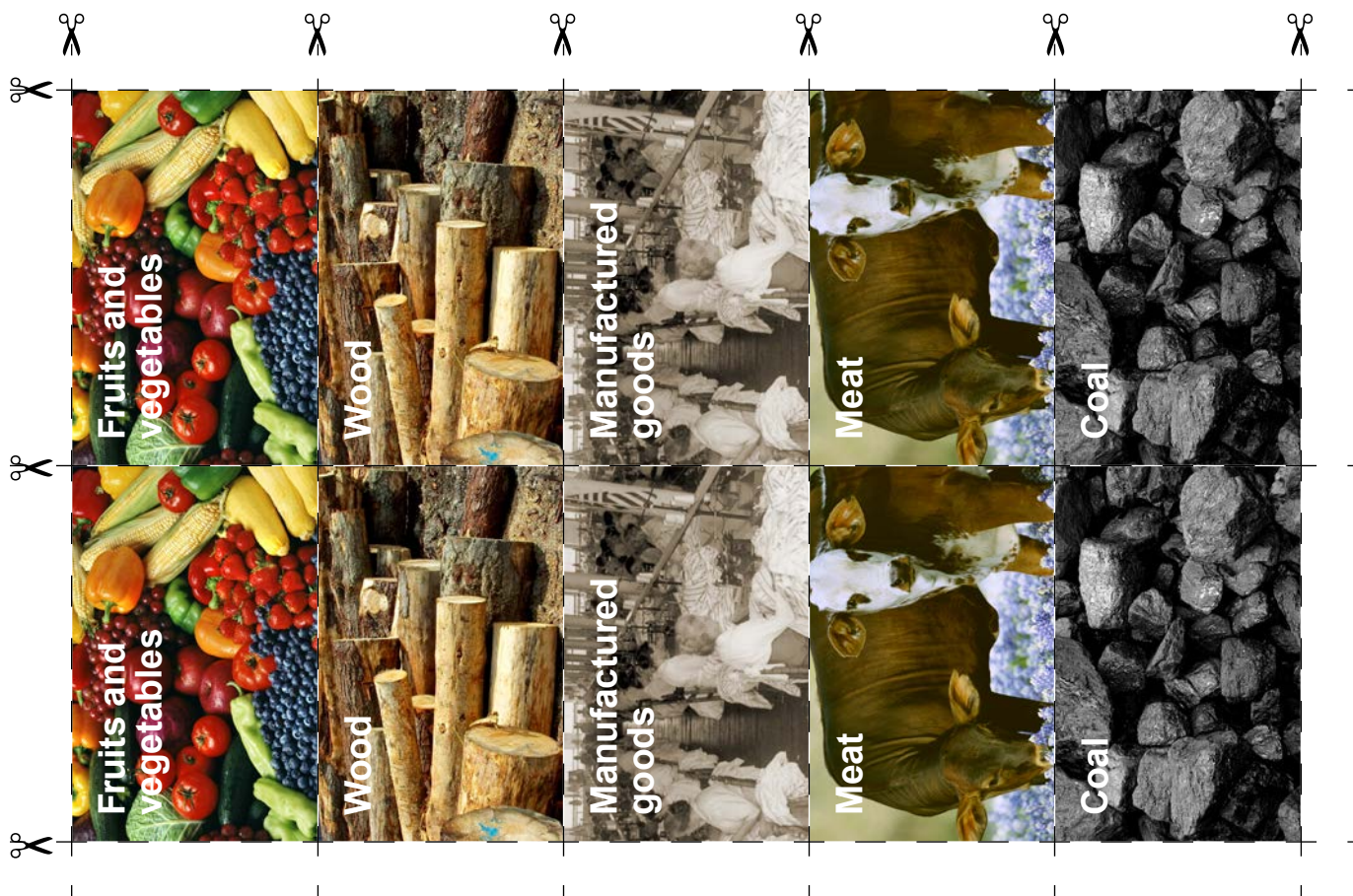
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## Commerce Game Playing Pieces

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**Distances Between Sites on Game Board (in miles):**

	California	Chicago	Minnesota	Texas	West Virginia	New York City
California	—	1750	1500	1500	2000	2500
Chicago	1750	—	500	1000	500	750
Minnesota	1500	500	—	1250	750	1000
Texas	1500	1000	1250	—	1000	1500
West Virginia	2000	500	750	1000	—	500
New York City	2500	750	1000	1500	500	—

Name: \_\_\_\_\_

**Part 1**

**Instructions:** Choose the best answer for each. (2 points each)

1. Which of the following most influenced the growth of cities like Chicago?
  - a. new technology
  - b. the opportunity to own land
  - c. good climate for growing crops
  - d. jobs in industry and commerce
  
2. Why was Chicago important to trade routes?
  - a. It had an abundance of natural resources.
  - b. Its climate was good for growing crops.
  - c. Its central location made it a good stopping point for goods traveling east to west.
  - d. It became important because of a decision by the president.
  
3. Which of the following inventions had a direct effect on the agricultural industry?
  - a. The Bessamer Process
  - b. The McCormick Reaper
  - c. The Balloon Frame
  - d. The World's Fair of 1893
  
4. Which statement is true about the new technology of the 19th century?
  - a. Economic growth brought about new technology.
  - b. New technology brought about economic growth.
  - c. New technology and economic growth happened at the same time.
  - d. Economic development was made possible by the World's Fair.
  
5. Which of the following is a natural resource that agriculture and industry relied on in the 19<sup>th</sup> century?
  - a. barbed wire
  - b. railroads
  - c. forests
  - d. water

Name: \_\_\_\_\_

6. The expansion of agriculture in the 19<sup>th</sup> century was the result of all of the following except:
  - a. development of new technologies
  - b. availability of new markets
  - c. limits on natural resources
  - d. improved transportation systems
  
7. What was a major effect of railroads on human settlement in the 19<sup>th</sup> century?
  - a. Railroads led to larger and denser populations in towns and cities.
  - b. Railroads moved early American settlers to the West.
  - c. Railroads separated cities from markets.
  - d. Railroads led to ideas of Manifest Destiny.
  
8. Which of the following was not affected by railroad routes at the turn of the century?
  - a. location of existing roads and waterways
  - b. the time and cost of transporting of goods to markets
  - c. transportation from all cities and towns directly to one another
  - d. agricultural and industrial development
  
9. How did new technologies of the 19<sup>th</sup> century affect the work people did?
  - a. They made the work easier.
  - b. People had to travel farther to get to work.
  - c. They made the work more efficient.
  - d. People had fewer jobs to do.
  
10. Which of the following is an example of a governmental decision that affected agricultural and industrial development in the 19<sup>th</sup> century?
  - a. The Disassembly Line
  - b. The Transcontinental Railroad
  - c. The Great Chicago Fire
  - d. The Homestead Act



Name: \_\_\_\_\_

## Part 2

**Instructions:** Complete the task below.

11. Match each of these “new” technologies to the industry each helped to develop. (1 point each)

- |                        |                 |
|------------------------|-----------------|
| _____ Balloon frame    | 1) Ranching     |
| _____ Disassembly line | 2) Construction |
| _____ McCormick reaper | 3) Meatpacking  |
| _____ Barbed wire      | 4) Agriculture  |

## Part 3

**Instructions:** Read and answer each question below. (5 points each)

12. Name two natural resources that were used to support agricultural and industrial production and explain how each was used.

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13. Give two examples of byproducts from agricultural and industrial development in the 19<sup>th</sup> century and describe how they affected the environment.

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Name: \_\_\_\_\_

14. How does economic growth lead to population growth?

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15. How do economic and population growth affect the environment?

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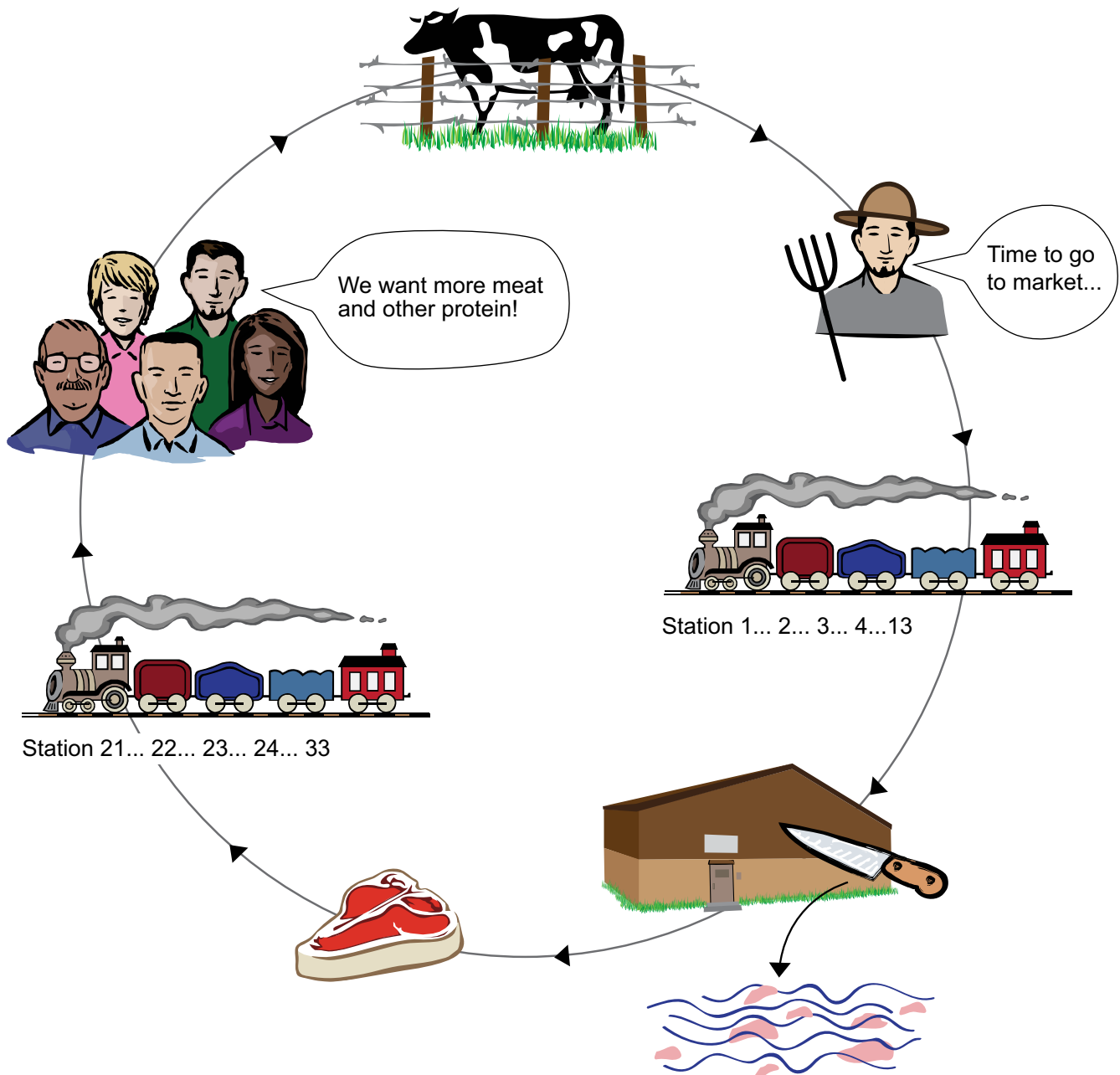
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## A Pattern of Economic Development in the 19<sup>th</sup> Century

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Name: \_\_\_\_\_

**Instructions:** Look at the diagram below and identify what it says about growth and development in the 19<sup>th</sup> century. On the next page, write an essay that explains what you think the diagram means. (30 points)





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Write your essay in the space below. Use the following terms in your essay: population, technology, resource, commerce, industry, environment.

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